

Title (en)  
Inverter system having a safety module

Title (de)  
Umrichtersystem mit Sicherheitsmodul

Title (fr)  
Système d'onduleur ayant un module de sécurité

Publication  
**EP 2541349 A2 20130102 (EN)**

Application  
**EP 12169695 A 20120529**

Priority  
JP 2011133925 A 20110616

Abstract (en)  
An inverter system 2 is a system including a communication module 21 having a communication function carrying out transmission and reception of communication data with an external controller 1 through a network 3, a control unit 24 outputting a control signal to an electric power converter 23 on the basis of the communication data, and a safety module 22 having a safety function established by the communication data, in which system the communication module 21 is provided with a central processing unit 21b so that a part of the safety function of the safety module 22 is executed by the central processing unit 21b. Thus, the inverter system 2 is provided as an inverter system in which the number of central processing units for carrying out safety processing can be reduced.

IPC 8 full level  
**G05B 19/042** (2006.01); **H02H 7/122** (2006.01)

CPC (source: EP)  
**G05B 19/0425** (2013.01); **Y02P 90/02** (2015.11)

Citation (applicant)  
JP 2006325390 A 20061130 - OMRON TATEISI ELECTRONICS CO

Cited by  
CN104570829A; US9887659B2; US11962252B2; EP3203627A4

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